

INTERNATIONAL SEARCH REPORT

International Application No
PC 32004/051975

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/32 G09G5/395

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 6 583 775 B1 (YUMOTO AKIRA ET AL) 24 June 2003 (2003-06-24) cited in the application column 10, line 42 - column 12, line 25; figures 1-3 column 13, line 19 - column 13, line 62; figures 4-6 column 15, line 10 - column 16, line 24; figures 7-9	1-4, 6-12
Y	US 6 448 951 B1 (SAKAGUCHI YOSHITAMI ET AL) 10 September 2002 (2002-09-10) column 7, line 49 - column 9, line 26; figures 6-9 column 19, line 12 - column 19, line 16; figure 24	1-4, 6-12

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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* & * document member of the same patent family

Date of the actual completion of the international search

17 January 2005

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24/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Morris, D

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Inter national Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 12, 26 December 1996 (1996-12-26) - & JP 08 202310 A (DIGITAL:KK), 9 August 1996 (1996-08-09) abstract paragraph '0011! - paragraph '0012!; figures 3,5b paragraph '0018! - paragraph '0025!; figures 1-6 -----	1,2,6-12
A	US 2002/135312 A1 (KOYAMA JUN) 26 September 2002 (2002-09-26) paragraph '0095! - paragraph '0106!; figures 6-8 paragraph '0134! - paragraph '0146!; figure 9 -----	1,2,6-8
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 07, 31 March 1998 (1998-03-31) & JP 09 190162 A (SAMSUNG ELECTRON CO LTD), 22 July 1997 (1997-07-22) abstract -----	4,5
A	EP 0 708 553 A (CANON KK) 24 April 1996 (1996-04-24) column 2, line 28 - column 2, line 45; figure 18 -----	3-5, 10-12
A	EP 0 574 810 A (CANON KK) 22 December 1993 (1993-12-22) page 3, line 46 - page 4, line 9; figures 1,2 page 9, line 31 - page 10, line 1 -----	1,6-8

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Inte 1al Application No
PCT/JP2004/051975

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6583775	B1	24-06-2003	JP 2001060076 A CN 1278635 A EP 1061497 A1 TW 502233 B	06-03-2001 03-01-2001 20-12-2000 11-09-2002
US 6448951	B1	10-09-2002	JP 3280307 B2 JP 11337904 A	13-05-2002 10-12-1999
JP 08202310	A	09-08-1996	NONE	
US 2002135312	A1	26-09-2002	JP 2002351357 A US 2004100202 A1	06-12-2002 27-05-2004
JP 09190162	A	22-07-1997	KR 218525 B1	01-09-1999
EP 0708553	A	24-04-1996	DE 69516797 D1 EP 0708553 A2 JP 8234169 A US 5880707 A	15-06-2000 24-04-1996 13-09-1996 09-03-1999
EP 0574810	A	22-12-1993	AT 171003 T DE 69320870 D1 DE 69320870 T2 EP 0574810 A1 JP 3004838 B2 JP 6059243 A	15-09-1998 15-10-1998 01-04-1999 22-12-1993 31-01-2000 04-03-1994